



**ZEP Manufacturing Company**  
Acuity Specialty Products Group, Inc.  
P.O. Box 2015  
Atlanta, GA 30301  
1-877-I-BUY-ZEP (428-9937)

# Material Safety Data Sheet

## and Safe Handling and Disposal Information

### Section 1. Chemical Product and Company Identification

**Product name** ZEP STAINLESS STEEL POLISH  
**Product Use** Aerosol Stainless Steel Cleaner and Polish  
**Product Code** 0143  
**Date of issue** 11/16/04 **Supersedes** 04/07/95

**Emergency Telephone Numbers** For MSDS Information:  
Acuity Specialty Products Group, Inc.  
Compliance Services 1-877-I-BUY-ZEP

**For Medical Emergency:**  
INFOTRAC  
(877) 541-2016 Toll Free - All Calls Recorded

**For a Transportation Emergency:**  
CHEMTREC  
(800) 424-9300 - All Calls Recorded  
In the District of Columbia (202) 483-7616

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### Section 2. Composition, Information on Ingredients

| Name of Hazardous Ingredients  | CAS #      | % by Weight | Exposure Limits   |
|--|------------|-------------|---|
| PARAFFIN OIL; blend of heavy and light naphthenic petroleum distillate                           | 64742-52-5 | 60 - 70     | OSHA PEL (United States).<br>: 5 mg/m <sup>3</sup> 8 hour(s). Form: Mist<br>ACGIH TLV (United States).<br>: 5 mg/m <sup>3</sup> 8 hour(s). Form: Mist                       |
| PETROLEUM SPIRITS; vm&p naphtha; refined solvent naphtha   | 8032-32-4  | 10 - 20     | ACGIH (United States).<br>TWA: 300 ppm<br>OSHA (United States).<br>STEL: 400 ppm  |
| D-LIMONENE - orange distillate; citrus terpene; cyclohexene, 1-methyl-4-(1-methylethenyl)-, (R)- | 5989-27-5  | 5 - 10      |   |
| ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol   | 67-63-0    | <5          | ACGIH TLV (United States).<br>TWA: 200 ppm 8 hour(s).<br>OSHA PEL (United States).<br>TWA: 400 ppm 8 hour(s).<br>ACGIH/OSHA (United States).<br>STEL: 400 ppm 15 minute(s). |

### Section 3. Hazards Identification

**Acute Effects** **Routes of Entry** Absorbed through skin. Eye contact. Inhalation.

**Skin** Hazardous in case of skin contact (irritant, permeator, sensitizer). May cause allergic reactions to certain individuals. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering. Defatting properties, may aggravate an existing dermatitis

**Eyes** Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

**Inhalation** Hazardous in case of inhalation. May cause respiratory tract irritation. Can cause central nervous system depression. Medical Conditions Aggravated by Overexposure: Respiratory

**Ingestion** Unlikely in this form.

#### HMIS

|                     |   |
|---------------------|---|
| Health              | 1 |
| Fire Hazard         | 3 |
| Reactivity          | 0 |
| Personal Protection | B |

**Carcinogenic Effects** Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

**Chronic Effects** Prolonged or repeated contact may dry skin and cause irritation. Over-exposure by inhalation or absorption can cause central nervous system depression.

See Toxicological Information (section 11)

**Section 4. First Aid Measures**

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.   |
| <b>Skin Contact</b> | Wash affected area with soap or mild detergent and water. Remove contaminated clothing and shoes. Get medical attention if irritation develops.   |
| <b>Inhalation</b>   | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.  |
| <b>Ingestion</b>    | Aspiration hazard if swallowed- can enter lungs and cause damage. Do NOT induce vomiting unless directed to do so by medical personnel. If vomiting occurs, keep head lower than hips to help prevent aspiration. Never give anything by mouth to an unconscious person. Get medical attention immediately. |

**Section 5. Fire Fighting Measures**

|                                 |   |                         |                |
|---------------------------------|---|-------------------------|----------------|
| <b>Flash Point</b>              | Closed cup (Tagliabue.): <26°C (<79°F).   | <b>Flammable Limits</b> | Not available. |
| <b>Flammability</b>             | FLAMMABLE. (CSMA)   |                         |                |
| <b>Fire Hazard</b>              | FLAMMABLE LIQUID AND VAPOR. Vapor may cause flash fire. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back. Cool closed containers exposed to fire with water. |                         |                |
| <b>Fire-Fighting Procedures</b> | Use dry chemical or CO <sub>2</sub> . Wear special protective clothing and positive pressure, self-contained breathing apparatus.   |                         |                |

**Section 6. Accidental Release Measures**

|                       |   |
|-----------------------|---|
| <b>Spill Clean up</b> | Large spills are unlikely due to packaging. |
|-----------------------|---|

**Section 7. Handling and Storage**

|                 |  |
|-----------------|--|
| <b>Handling</b> | Keep away from heat, sparks and flame. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Wash contaminated clothing before reusing.   |
| <b>Storage</b>  | CONTENTS UNDER PRESSURE. Store and use away from heat, sparks, open flame, or any other ignition source. Keep away from heat and direct sunlight. Keep container in a cool, well-ventilated area. Do not store above 49°C (120.2°F). Do not puncture or incinerate. Keep out of the reach of children. |

**Section 8. Exposure Controls, Personal Protection**

| Personal Protection |  | Protective Clothing (Pictograms) |
|---------------------|--|----------------------------------|
| <b>Eyes</b>         | Safety glasses.  |                                  |
| <b>Body</b>         | Nitrile gloves.  |                                  |
| <b>Respiratory</b>  | Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. |                                  |

**Section 9. Physical and Chemical Properties**

|                         |                                     |                         |                                  |
|-------------------------|-------------------------------------|-------------------------|----------------------------------|
| <b>Physical State</b>   | Liquid. (Aerosol.)                  | <b>Color</b>            | Amber.                           |
| <b>pH</b>               | Not applicable.                     | <b>Odor</b>             | Citrus                           |
| <b>Boiling Point</b>    | 82.222°C (180°F)                    | <b>Vapor Pressure</b>   | Not available.                   |
| <b>Specific Gravity</b> | 0.856 (Water = 1)                   | <b>Vapor Density</b>    | Not available.                   |
| <b>Solubility</b>       | Insoluble in cold water, hot water. | <b>Evaporation Rate</b> | Not available.                   |
|                         |                                     | <b>VOC (Consumer)</b>   | 24.8%    1.77 lbs/gal    212 g/l |

**Section 10. Stability and Reactivity**

|   |  |
|---|--|
| <b>Stability and Reactivity</b>         | The product is stable.   |
| <b>Incompatibility</b>                  | Avoid contact with strong oxidizers, excessive heat, sparks or open flame. Incompatible with some alkalis. |
| <b>Hazardous Polymerization</b>         | Will not occur.  |
| <b>Hazardous Decomposition Products</b> | Carbon Dioxide, Carbon Monoxide and other organic materials..  |

**Section 11. Toxicological Information**

|                            |  |
|----------------------------|--|
| <b>Toxicity to Animals</b> | <b>Petroleum spirits:</b>  |
|                            | VAPOR (LC50): Acute: 3400 ppm 4 hour(s) [Rat].   |
|                            | <b>d-Limonene:</b>   |
|                            | ORAL (LD50): Acute: 5600 mg/kg [Mouse]. 4400 mg/kg [Rat].                                  |
|                            | DERMAL (LD50): Acute: >5000 mg/kg [Rabbit].  |
|                            | <b>Isopropyl Alcohol:</b>  |
|                            | ORAL (LD50): Acute: 4700 mg/kg [Rat].  |
|                            | DERMAL (LD50): Acute: 13000 mg/kg [Rabbit].  |
|                            | VAPOR (LC50): Acute: 22500 ppm 8 hour(s) [Rat (Male)]. 19000 ppm 8 hour(s) [Rat (Female)]. |

**Section 12. Ecological Information****Ecotoxicity** Not available.**Biodegradable/OECD** Not available.**Section 13. Disposal Considerations**

**Waste Information** Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream** Code: D001  
Classification: - (Hazardous waste.)  
Origin: - (RCRA waste.)

Consult your local or regional authorities.

**Section 14. Transport Information****Proper shipping name** Consumer Commodity**DOT Classification** ORM-D**UN number** Not regulated.**Section 15. Regulatory Information**

**U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting:  
No products were found.  
Clean Water Act (CWA) 311: No products were found.  
Clean air act (CAA) 112 regulated toxic substances: No products were found.

**Section 16. Other Information**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.  
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.  
Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*